

Historian Office

ALMANAC

FOR THE YEAR

1863:

BEING THE THIRTY FOURTH YEAR OF THE
CHURCH OF JESUS CHRIST OF LATTER DAY
SAINTS. (From April 6, 1830.)

Calculated for the meridian of G. S. L. City.—Lat. 40°
45m. north, and Longitude 111° 26m. west.

BY W. W. PHELPS.

GREAT SALT LAKE CITY, UTAH:

PRINTED AT 'DESERET NEWS' OFFICE.

1862.

SIGNS OF THE ZODIAC.

- ♈—Aries, the Ram, the head;
- ♉—Taurus, the Bull, the neck;
- ♊—Gemini, the Twins, the arms;
- ♋—Cancer, the Crab, the breast;
- ♌—Leo, the Lion, the heart;
- ♍—Virgo, the Virgin, the bowels;
- ♎—Libra, the Scales, the reins;
- ♏—Scorpio, the Scorpion, the secrets;
- ♐—Sagittarius, the Archer, the thighs;
- ♑—Capricornus, the Goat, the knees;
- ♒—Aquarius, Waterman, the legs;
- ♓—Pisces, the Fishes, the feet.

NAMES AND CHARACTERS OF THE PLANETS.

- | | |
|----------------|-------------|
| ☉—Sun; | ♂—Mars; |
| ☾—Moon; | ♃—Jupiter; |
| ☿—Mercury; | ♄—Saturn; |
| ♀—Venus; | ♁—Herschel; |
| ♌—Conjunction; | ♎—Node. |

The arrangement of the calendar pages gives the days of the week, day of the month, rising and setting of the sun, in apparent time: a column of fast and slow of the clock in minutes and seconds. Moon rising from full to change, and setting from change to full. The moon's days in the signs of the Zodiac are also given near enough for the general reader.

The space on the right of these pages is occupied with "Events, &c.," most useful to be remembered as notable.

••• Look for war to be poured out upon all nations, after the year 1866; also, for a total eclipse of the sun at Jerusalem at 7 a.m., April 6th, 1875; also, at Zion (Jackson county, Mo.) same year, Sept. 29th, at 2 p.m. Great things await this generation!

JANUARY has 31 days.

[1863.]

	D. H. M.		D. H. M.
○ Full moon	4 8 6 p.m.	● New moon	19 8 36 a.m.
☾ Last qr.	12 4 40 p.m.	☽ First qr.	26 9 27 a.m.

Day of Week.	D.M.	SUN rise h m	SUN set. h m	Slow m s	MOON aeta. h m	NOV	Events, &c.
Thursday	1	7 25	4 43	4 47	4 15	☐	♂ south 6h. 41m.
Friday	2	7 25	4 44	4 16	5 53	☐	
Saturday	3	7 25	4 45	4 46	6 47	☐	♂ south 9h. 34m.
SUNDAY	4	7 25	4 46	5 12	rise.	☐	
Monday	5	7 25	4 47	5 40	7 41	☐	O. Hyde b. 1806
Tuesday	6	7 25	4 48	6 6	8 19	☐	
Wednesday	7	7 24	4 49	6 33	8 50	☐	
Thursday	8	7 24	4 50	7 0	9 17	☐	♂ south 6h. 28m.
Friday	9	7 24	4 51	7 27	9 41	☐	
Saturday	10	7 24	4 52	7 50	10 14	☐	
SUNDAY	11	7 24	4 53	8 14	10 42	☐	♂ ♀
Monday	12	7 23	4 54	8 36	11 37	☐	♂ ♀
Tuesday	13	7 23	4 55	9 0	morn	☐	
Wednesday	14	7 23	4 56	9 22	18	☐	
Thursday	15	7 22	4 57	9 40	1 18	☐	♂ south 6h. 18m.
Friday	16	7 22	4 58	10 9	2 14	☐	
Saturday	17	7 21	4 59	10 25	3 15	☐	
SUNDAY	18	7 21	5 00	10 45	4 13	☐	
Monday	19	7 20	5 1	11 6	sets.	☐	
Tuesday	20	7 20	5 2	11 25	7 35	☐	♂ ♀ ☾ ☽
Wednesday	21	7 19	5 3	11 38	8 46	☐	
Thursday	22	7 18	5 4	11 59	9 13	☐	
Friday	23	7 18	5 5	12 11	9 55	☐	
Saturday	24	7 17	5 6	12 30	11 0	☐	
SUNDAY	25	7 16	5 7	12 40	morn	☐	
Monday	26	7 15	5 8	12 57	8	☐	♂ ♀
Tuesday	27	7 15	5 9	13 5	1 6	☐	
Wednesday	28	7 14	5 10	13 17	2 8	☐	
Thursday	29	7 13	5 11	13 30	3 2	☐	
Friday	30	7 12	5 12	13 40	3 56	☐	♀ aeta 6h. 6m.
Saturday	31	7 11	5 13	13 48	4 45	☐	

C. KIDGELL,

JEWELER, east side of Main street, 13th Ward, works all kinds of metals into desirable ornaments, etc.

O. URSENBAUGH

REPAIRS Watches and Clocks to order, east side of Main street, 13th Ward.

1863.] FEBRUARY has 28 days.

D. H. M. D. H. M.
 ☉ Full Moon 3 2 58 p.m. ☾ New Moon 17 9 40 p.m.
 ☾ Last qr. 11 3 20 a.m. ☽ First qr. 25 5 7 p.m.

Day of Week.	M. D.	SUN rise. h m	SUN set. h m	Slow m s	MOON set. h m	SIGNS	Events, &c.
SUNDAY	1 7	10 5	14 13	52	5 26	♊	♂ ♂ ♀
Monday	2 7	9 5	16 13	54	6 5	♊	
Tuesday	3 7	8 5	17 14	2	rises.	♊	
Wednesday	4 7	7 5	19 14	7	7 15	♊	♂ s. 5h. 37m.
Thursday	5 7	6 5	20 14	13	7 56	♊	
Friday	6 7	5 5	21 14	21	8 22	♊	
Saturday	7 7	4 5	23 14	24	9 31	♊	♂ ♂ ♀
SUNDAY	8 7	3 5	24 14	27	10 8	♊	H. Smith b. 1800
Monday	9 7	2 5	26 14	29	10 40	♊	♂ ♂ ♀
Tuesday	10 7	1 5	28 14	29	11 22	♊	
Wednesday	11 7	0 5	30 14	30	morn	♊	
Thursday	12 6	58 5	31 14	29	5	♊	
Friday	13 6	57 5	32 14	27	1 6	♊	♂ s. 5h. 20m.
Saturday	14 6	56 5	34 14	25	2 10	♊	
SUNDAY	15 6	55 5	35 14	23	3 2	♊	
Monday	16 6	53 5	36 14	19	4 38	♊	Joseph's v. 1832
Tuesday	17 6	52 5	37 14	14	sets.	♊	W. W. Phelps b.
Wednesday	18 6	51 5	38 14	11	6 30	♊	♂ ♂ ♀ 1792
Thursday	19 6	49 5	39 14	4	7 33	♊	Sirius S. 8h 48m
Friday	20 6	48 5	41 14	0	8 14	♊	
Saturday	21 6	46 5	42 13	52	9 45	♊	
SUNDAY	22 6	45 5	44 13	44	10 52	♊	E. T. Benson b.
Monday	23 6	44 5	45 13	36	11 56	♊	♂ ♂ ♀ 1811
Tuesday	24 6	42 5	47 13	27	morn	♊	
Wednesday	25 6	41 5	48 13	18	50	♊	
Thursday	26 6	39 5	49 13	8	1 47	♊	♀ sets 7h. 13m.
Friday	27 6	38 5	50 12	58	2 36	♊	
Saturday	28 6	37 5	51 12	45	3 20	♊	♀ sets 7h. 18m.

J. BUNOT

at Silversmithing, west side of Main street,
 13th Ward, near the town clock.

E. CROUCH,

CONSTITUTION HOUSE, east side of Main Street,
 13th Ward.

MARCH has 31 days.

[1863.]

	D. H. M.		D. H. M.
○ Full Moon	5 7 19 a.m.	● New Moon	19 7 11 a.m.
☾ Last qr.	12 1 29 a.m.	☽ First qr.	27 1 21 a.m.

Day of Week.	D. M.	SUN rise. h m	SUN set. h m	Slow m s	MOON sets. h m	sign.	Events, &c.
SUNDAY	1	6 35	5 52	12 36	4 03	♈	W. Wood? f. b 1807
Monday	2	6 34	5 53	12 23	4 57	♈	
Tuesday	3	6 32	5 54	12 10	rises.	♈	
Wednesday	4	6 31	5 55	11 57	6 15	♈	♀ rises 7h. 27m.
Thursday	5	6 29	5 56	11 42	6 51	♈	
Friday	6	6 27	5 57	11 30	7 30	♈	♂ ♂
Saturday	7	6 25	5 58	11 16	8 13	♈	
SUNDAY	8	6 24	5 59	11 0	8 50	♈	♂ ♂
Monday	9	6 22	6 0	10 45	9 52	♈	
Tuesday	10	6 20	6 1	10 30	10 8	♈	
Wednesday	11	6 19	6 2	10 15	11 0	♈	♂ rises 8h. 30m.
Thursday	12	6 17	6 3	9 55	morn	♈	
Friday	13	6 16	6 4	9 41	0 59	♈	
Saturday	14	6 14	6 5	9 24	1 29	♈	♂ rises 6h. 43m.
SUNDAY	15	6 12	6 6	9 1	2 19	♈	
Monday	16	6 11	6 7	8 50	3 13	♈	
Tuesday	17	6 9	6 8	8 33	4 9	♈	♂ ♂
Wednesday	18	6 7	6 9	1 15	5 6	♈	
Thursday	19	6 6	6 10	7 50	sets.	♈	
Friday	20	6 4	6 11	7 39	7 27	♈	♀ ♂
Saturday	21	6 2	6 12	7 22	8 31	♈	
SUNDAY	22	6 1	6 13	6 58	9 55	♈	
Monday	23	5 59	6 14	6 45	10 36	♈	
Tuesday	24	5 57	6 15	6 27	11 34	♈	♂ ♂
Wednesday	25	5 55	6 16	6 8	morn	♈	
Thursday	26	5 53	6 17	5 50	38	♈	
Friday	27	5 51	6 18	5 33	1 13	♈	
Saturday	28	5 49	6 19	5 13	1 54	♈	
SUNDAY	29	5 47	6 20	4 50	2 42	♈	
Monday	30	5 46	6 21	4 37	3 7	♈	
Tuesday	31	5 45	6 22	4 18	3 40	♈	A. Lyman b. 1813

J. BIRD,

CABINET and Chair Maker, East side of Main Street,
14th ward, wishes his share of custom.

CHARLES HALL,

CARRIES on his Cooper Shop West side Main Street.

1863.]

APRIL has 30 days.

D. H. M. D. H. M.

○ Full Moon 3 8 42 p.m. ● New Moon 17 7 39 p.m.

☾ Last gr. 10 5 56 p.m. ☽ First gr. 25 8 41 p.m.

Day of Week.	D. M.	SUN rise h m	SUN set. h m	Slow m s	MOON sets. h m	SIGN.	Events, &c.
Wednesday	1 5	44 6	24 4	0	4 8	♈	1/2 ♂ D
Thursday	2 5	43 6	25 3	41	4 31	♈	F.D.R'ds b. 1821
Friday	3 5	41 6	26 3	23	rises. 11	♈	L. Snow b. 1814
Saturday	4 5	39 6	27 3	4	5 14	♈	2/3 ♂ D
SUNDAY	5 5	37 6	28 2	47	5 42	♈	
Monday	6 5	36 6	29 2	30	6 15	♈	Church L. D. S.
Tuesday	7 5	34 6	30 2	12	6 57	♈	organized 1830.
Wednesday	8 5	32 6	31 1	54	7 49	♈	♀ sets 8h. 52m.
Thursday	9 5	30 6	32 1	38	8 40	♈	
Friday	10 5	28 6	33 1	22	10 1	♈	
Saturday	11 5	26 6	34 1	5	11 0	♈	
SUNDAY	12 5	24 6	35 0	49	morn 13	♈	P.P.Pratt b. 1807
Monday	13 5	23 6	36 0	33	13	♈	
Tuesday	14 5	22 6	37 0	18	1 25	♈	♀ sets 9h. 6m.
Wednesday	15 5	21 6	38 0	F	2 29	♈	
Thursday	16 5	20 6	39 0	10	3 37	♈	
Friday	17 5	19 6	40 0	25	4 37	♈	♂ ♂ D
Saturday	18 5	17 6	41 0	39	sets. 7	♈	
SUNDAY	19 5	16 6	42 0	53	7 21	♈	
Monday	20 5	14 6	43 1	6	8 21	♈	♀ ♂ D
Tuesday	21 5	12 6	44 1	19	9 21	♈	
Wednesday	22 5	11 6	45 1	31	10 5	♈	♂ ♂ D
Thursday	23 5	10 6	46 1	44	11 49	♈	
Friday	24 5	8 6	47 1	54	morn 28	♈	♀ sets 9h. 31m.
Saturday	25 5	7 6	48 2	5	28	♈	
SUNDAY	26 5	6 6	49 2	16	1 3	♈	
Monday	27 5	4 6	50 2	26	1 37	♈	D ♂ ♀
Tuesday	28 5	3 6	51 2	36	2 3	♈	
Wednesday	29 5	2 6	52 2	42	2 36	♈	
Thursday	30 5	1 6	53 2	53	3 6	♈	1/2 ♂ D

MRS. COLEBROOK,

MILLINER, east side of East Temple street, 13th Ward.

E. B. TRIPP,

MANUFACTURES Boots and Shoes, West side Main street, 14th Ward.

MAY has 31 days.

[1863.]

D. H. M.

D. H. M.

○ Full Moon 3 7 25 a.m. ● New Moon 17 9 22 a.m.
 ☾ Last qr. 9 11 49 p.m. ☾ First qr. 25 1 20 p.m.

Day of Week.	D.	M.	SUN rise.	SUN set.	Fast.	MOON sets.	SIGN.	Events, &c.
	D.	M.	h m	h m	m s	h m		
Friday	1	5	0	6 54	3 1	3 36	♈	♂ ☽
Saturday	2	4	59	6 55	3 8	4 49	♈	♀ sets 9h. 45m.
SUNDAY	3	4	58	6 56	3 15	rises.	♈	
Monday	4	4	56	6 57	3 21	7 46	♈	♂ sets 11h. 0m.
Tuesday	5	4	55	6 58	3 27	8 32	♈	
Wednesday	6	4	0	6 59	3 33	9 25	♈	♀ sets 9h. 50m.
Thursday	7	4	53	7 0	3 37	10 34	♈	
Friday	8	4	52	7 1	3 42	11 25	♈	
Saturday	9	4	51	7 2	3 44	morn	♈	♂ sets 10h. 55m.
SUNDAY	10	4	50	7 3	3 47	26	♈	
Monday	11	4	48	7 4	3 50	1 31	♈	
Tuesday	12	4	47	7 5	3 51	2 38	♈	♀ sets 10h. 0m.
Wednesday	13	4	46	7 6	3 52	3 38	♈	
Thursday	14	4	45	7 7	3 53	4 42	♈	
Friday	15	4	44	7 8	3 53	5 50	♈	♀ sets 10h. 8m.
Saturday	16	4	43	7 9	3 53	6 54	♈	♂ evening star.
SUNDAY	17	4	42	7 10	3 51	sets.	♈	
Monday	18	4	41	7 11	3 50	8 8	♈	♂ ☽
Tuesday	19	4	39	7 12	3 47	8 58	♈	
Wednesday	20	4	38	7 13	3 44	9 44	♈	♀ ☽
Thursday	21	4	37	7 14	3 40	10 26	♈	A. Smith b. 1773
Friday	22	4	36	7 15	3 36	11 0	♈	
Saturday	23	4	35	7 16	3 32	11 46	♈	Jno Smith d. 1854
SUNDAY	24	4	34	7 17	3 27	morn	♈	Q. Vict. b. 1819.
Monday	25	4	33	7 18	3 22	3	♈	
Tuesday	26	4	32	7 19	3 16	31	♈	
Wednesday	27	4	31	7 20	3 10	58	♈	♂ ☽
Thursday	28	4	30	7 21	3 3	1 33	♈	♂ ☽
Friday	29	4	30	7 22	2 56	2 2	♈	
Saturday	30	4	30	7 23	2 48	2 35	♈	♀ sets 10h. 21m.
SUNDAY	31	4	30	7 24	2 40	3 14	♈	

H. RISER,

JEWELER and silver smith, west side of Main street,
 14th ward.

W. BALLAN,

WATCH Repairer and Silversmith, east side of Main
 street, 13th Ward.

1863.]

JUNE has 30 days.

P. H. M. D. H. M.
 ○ Full Moon 1 4 3 p.m. ● New Moon 16 0 9 a.m.
 D Last qr. 8 6 26 a.m. ☾ First qr. 24 3 5 a.m.
 ○ Full Moon, 30d, 11h. 19m. p.m.

Day of Week.	P. M.	SUN rise h m	SUN set. h m	Fast. m s	MOON rises. h m	Signs	Events, &c.
Monday	1	4 30	7 24	2 31	rises.	♈	B. Y'ng. b. 1801
Tuesday	2	4 30	7 25	2 22	8 11	♈	
Wednesday	3	4 30	7 26	2 13	9 6	♈	
Thursday	4	4 30	7 26	2 2	9 58	♈	
Friday	5	4 30	7 27	1 52	10 40	♈	♂ south 8h. 11m
Saturday	6	4 29	7 27	1 42	11 9	♈	♀ sets 10h. 22m.
SUNDAY	7	4 29	7 28	1 31	11 50	♈	
Monday	8	4 29	7 29	1 21	morn	♈	♂ sets 10. 6m.
Tuesday	9	4 28	7 30	1 9	22	♈	
Wednesday	10	4 28	7 31	58	55	♈	♂ south 7h. 51m
Thursday	11	4 28	7 31	44	1 48	♈	
Friday	12	4 28	7 32	33	2 25	♈	♀ sets 10h. 19m.
Saturday	13	4 28	7 32	21	3 0	♈	
SUNDAY	14	4 28	7 33	7	3 40	♈	H.C.Kimball b.
Monday	15	4 28	7 33	☉ S.	4 10	♈	♀♂ D 1801
Tuesday	16	4 28	7 31	16	sets.	♈	
Wednesday	17	4 28	7 34	29	8 27	♈	♂ south 7h. 20m
Thursday	18	4 28	7 34	42	9 2	♈	
Friday	19	4 28	7 34	55	9 39	♈	♂♂ D
Saturday	20	4 28	7 34	1 9	10 3	♈	♀♂ D
SUNDAY	21	4 29	7 34	1 22	10 35	♈	
Monday	22	4 29	7 34	1 36	11 0	♈	♂ south 7h. 4m.
Tuesday	23	4 29	7 35	1 48	11 29	♈	♂♀
Wednesday	24	4 29	7 35	2 0	morn	♈	W. Richards b.
Thursday	25	4 30	7 35	2 12	2	♈	♂♂ D 1804.
Friday	26	4 30	7 35	2 26	37	♈	
Saturday	27	4 30	7 35	2 38	1 3	♈	J. and H. Smith
SUNDAY	28	4 30	7 35	2 51	1 50	♈	martyred 1841
Monday	29	4 31	7 35	3 3	2 38	♈	
Tuesday	30	4 31	7 35	3 15	3 58	♈	♀ sets 9h. 58m.

C. M. DONELSON

WORKS at COOPERING west side of East Temple Street, 14th Ward.

A. LAMB,

COOPER, east side of East Temple Street, 13th Ward.

JULY has 31 days.

[1863.

D. H. M. D. H. M.
 Last qr. 7 3 02 p.m. First qr. 23 2 06 p.m.
 New Moon 15 3 27 p.m. Full Moon 30 6 07 a.m.

Day of Week.	D. M.	SUN rise. h m	SUN set. h m	Slow m. s.	MOON rises. h m	MOON sets. h m	Events, &c.
Wednesday	1	4 32	7 35	3 27	7 11	10 30	♀ sets 10h. 3m.
Thursday	2	4 32	7 35	3 38	7 58	11 15	
Friday	3	4 33	7 35	3 49	8 34	12 00	
Saturday	4	4 33	7 34	4 0	9 15	12 45	Independence.
SUNDAY	5	4 34	7 34	4 11	10 41	1 30	
Monday	6	4 34	7 34	4 21	11 9	2 15	♀ sets 9h. 55m.
Tuesday	7	4 35	7 33	4 31	11 45	3 00	
Wednesday	8	4 35	7 33	4 41	morn	3 45	♂ sets 9h 6m.
Thursday	9	4 36	7 33	4 50	16	4 30	
Friday	10	4 36	7 32	5 0	1 33	5 15	
Saturday	11	4 37	7 32	5 8	2 15	6 00	J. Smith, sen. b.
SUNDAY	12	4 38	7 31	5 15	3 3	6 45	[1772.
Monday	13	4 39	7 31	5 23	3 52	7 30	♂ ♂ D
Tuesday	14	4 40	7 30	5 30	4 43	8 15	♀ sets 11h. 21m.
Wednesday	15	4 41	7 30	5 37	sets	9 00	
Thursday	16	4 42	7 29	5 43	7 41	9 45	Jno Smith b. 1781
Friday	17	4 43	7 29	5 49	8 9	10 30	♂ ♂ D
Saturday	18	4 44	7 28	5 54	8 40	11 15	
SUNDAY	19	4 45	7 28	5 58	9 5	12 00	♀ ♂ D
Monday	20	4 46	7 27	6 2	9 30	12 45	
Tuesday	21	4 47	7 26	6 5	10 2	1 30	♂ ♂ D
Wednesday	22	4 48	7 25	6 7	10 35	2 15	♀ ♂ D
Thursday	23	4 49	7 24	6 9	11 3	3 00	
Friday	24	4 50	7 23	6 11	11 28	3 45	G.S.L. Val. ent.
Saturday	25	4 51	7 22	6 12	morn	4 30	[1847.
SUNDAY	26	4 52	7 21	6 13	3	5 15	♂ sets 8h. 27m.
Monday	27	4 53	7 20	6 13	1 17	6 00	
Tuesday	28	4 54	7 19	6 12	2 24	6 45	♂ sets 9h. 53m.
Wednesday	29	4 55	7 18	6 11	3 31	7 30	
Thursday	30	4 56	7 17	6 8	4 43	8 15	♀ sets 9h. 4m.
Friday	31	4 57	7 16	6 2	5 0	8 45	

W. S. GODBE,

KEEPS drugs, medicines, etc., for sale, east side of Main street, 13th Ward.

CHARLES F. JONES,

TIN SMITH, half block south of Court House 15th Ward.

1863.]

AUGUST has 31 days.

D. H. M. D. H. M.
 D Last qr. 6 2 41 a.m. (First qr. 21 10 53 p.m.
 ● New Moon 14 6 36 a.m. ○ Full Moon 28 1 28 p.m.

Day of Week.	P. M.	SUN rise. h m	SUN set. h m	Slow m. s.	MOON rises. h m	SIGN.	Events, &c.
Saturday	1	4 58	7 15	6 4	8 41	♏	h ₂ sets 10h. 17m.
SUNDAY	2	4 58	7 14	6 0	9 19	♏	♂ ♂
Monday	3	4 59	7 13	5 54	9 50	♏	Tem. lot Zion ded
Tuesday	4	4 59	7 12	5 49	10 22	♏	[1831.
Wednesday	5	5 0	7 11	5 44	10 55	♏	♀ sets 8h. 51m.
Thursday	6	5 1	7 10	5 38	11 32	♏	
Friday	7	5 2	7 9	5 31	morn	♏	
Saturday	8	5 3	7 8	5 24	25	♏	h ₂ sets 9h. 8m.
SUNDAY	9	5 4	7 7	5 16	1 2	♏	
Monday	10	5 5	7 6	5 7	1 48	♏	♀ sets 8h. 53m.
Tuesday	11	5 6	7 5	4 58	2 40	♏	
Wednesday	12	5 7	7 4	4 49	3 26	♏	♂ sets 8h. 46m.
Thursday	13	5 8	7 3	4 39	4 19	♏	♂ sets 9h. 36m.
Friday	14	5 9	7 2	4 28	sets.	♏	
Saturday	15	5 10	7 1	4 17	7 4	♏	♂ ♂
SUNDAY	16	5 11	6 59	4 6	7 36	♏	
Monday	17	5 12	6 58	3 54	8 7	♏	♀ ♂ h ₂
Tuesday	18	5 13	6 57	3 41	8 34	♏	♀ ♂ ♂
Wednesday	19	5 14	6 56	3 28	9 7	♏	♂ ♂ ♂ ♀ ♂
Thursday	20	5 15	6 55	3 14	10 8	♏	C. C. Rich b. 1809
Friday	21	5 16	6 54	3 0	10 23	♏	
Saturday	22	5 17	6 53	2 45	morn	♏	
SUNDAY	23	5 18	6 52	2 30	28	♏	h ₂ sets 8h. 12m.
Monday	24	5 19	6 50	2 14	1 10	♏	
Tuesday	25	5 20	6 49	1 58	2 14	♏	♀ sets 8h. 43m.
Wednesday	26	5 21	6 47	1 42	2 44	♏	
Thursday	27	5 22	6 45	1 25	3 35	♏	♂ sets 7h. 31m.
Friday	28	5 23	6 43	1 8	4 40	♏	
Saturday	29	5 24	6 41	50	rises.	♏	♂ sets 8h. 28m.
SUNDAY	30	5 25	6 39	31	7 9	♏	
Monday	31	5 26	6 37	13	7 47	♏	h ₂ sets 7h. 44m.

W. H. FOSTER

HAS Removed his Turning Shop to East side of Main street, 13th Ward, near J. Wells.

W. W. FOSTER,

SOAPMAKER and Stocking knitter, west side Main street, 14th Ward.

A. NEIBAUR,

MATCH Maker, above Emigration street, 13th ward.

SEPTEMBER has 30 days.

[1863.]

D. H. M. D. H. M.
 (Last qr. 4 5 43 p.m.) First qr. 20 6 6 a.m.
 ☉ New Moon 12 9 15 p.m. ☾ Full Moon 26 10 35 p.m.

Day of Week.	D. M.	SUN rise. h m	SUN set. m h	Fast. m. s.	MOON rises. h m	SIGN.	Events, &c.
Tuesday	1 5	27 6	35 35	☉ F.	8 55	♍	♀ sets 7h. 19m.
Wednesday	2 5	28 6	33 33	21	9 30	do	
Thursday	3 5	29 6	32 32	42	10 12	♋	
Friday	4 5	30 6	30 30	1 1	10 55	do	♂ ♂ ♀
Saturday	5 5	31 6	28 28	1 22	morn	♏	
SUNDAY	6 5	32 6	26 26	1 40	36	do	♏ sets 8h. 6m.
Monday	7 5	33 6	24 24	2 0	1 30	♏	
Tuesday	8 5	34 6	22 22	2 21	2 23	do	
Wednesday	9 5	35 6	20 20	2 42	3 15	do	♏ sets 7h. 52m.
Thursday	10 5	36 6	18 32	3 2	4 45	♏	
Friday	11 5	37 6	16 32	3 22	5 11	do	♏ sets 6h. 6m.
Saturday	12 5	38 6	14 34	3 43	sets	do	
SUNDAY	13 5	39 6	13 44	4 4	6 10	♏	♂ ♂ ♀
Monday	14 5	40 6	12 45	4 25	6 37	do	♏ ♂ ♀ ♀ ♂
Tuesday	15 5	41 6	11 46	4 46	7 10	♏	♏ ♂ ♀
Wednesday	16 5	42 6	9 57	5 7	7 38	do	♏ ♂ ♀
Thursday	17 5	43 6	7 58	5 28	8 24	♏	♏ ♂ ♀
Friday	18 5	44 6	5 59	5 49	9 11	do	
Saturday	19 5	45 6	3 60	6 10	10 3	♏	O. Patt b. 1611.
SUNDAY	20 5	46 6	1 61	6 31	11 6	do	
Monday	21 5	47 6	0 62	6 52	morn	♏	
Tuesday	22 5	48 5	58 7	7 13	7	do	
Wednesday	23 5	49 5	56 7	7 34	1 13	do	
Thursday	24 5	50 5	54 7	7 55	2 26	♏	♀ ♂ ♂
Friday	25 5	51 5	52 8	8 16	3 41	do	♏ sets 6h. 16m.
Saturday	26 5	52 5	51 8	8 36	rises	♏	
SUNDAY	27 5	53 5	49 8	8 56	6 3	do	♀ ♂ ♂
Monday	28 5	54 5	47 9	9 17	6 38	♏	
Tuesday	29 3	55 5	45 9	9 36	7 5	♏	
Wednesday	30 5	56 5	44 9	9 56	8 2	do	♏ sets 6h. 47m.

A. FIELDING,

MATCH Maker, opposite Walker Brothers' store, East Temple street, 14th ward.

THOMAS COLBURN

MAKES Brooms, and keeps them for sale in the Second Ward.

J. PUGMIRE, JR.,

BOSS Blacksmith at Public Works, in the 18th ward. always on hand.

1863.]

OCTOBER has 31 days.

D. H. M. D. H. M.
 ☾ Last qr. 4 11 55 a.m. ☽ First qr. 19 0 39 p.m.
 ● New Moon 12 11 15 a.m. ○ Full Moon 26 10 29 a.m.

Day of Week.	D. M.	SUN rise. h m	SUN set. h m	Fast. m s	MOON rises h m	SIGN	Events, &c.
Thursday	1 5	57 5	43 10	15	8 50	♈	S. Smith b. 1779
Friday	2 5	58 5	42 10	35	9 36	♉	♂♂♂
Saturday	3 5	59 5	41 10	53	10 29	♊	do
SUNDAY	4 6	0 5	39 11	12	11 20	♋	♂ sets 6h. 30m.
Monday	5 6	1 5	38 11	30	morn	♌	do
Tuesday	6 6	2 5	37 11	47	14	♍	do
Wednesday	7 6	3 5	36 12	5	1 10	♎	7*s south 6h. 46.
Thursday	8 6	4 5	34 12	22	2 23	♏	do
Friday	9 6	5 5	32 12	38	3 6	♐	do
Saturday	10 6	6 5	31 12	54	4 7	♑	♀♂♂
SUNDAY	11 6	7 5	29 13	9	5 5	♒	do
Monday	12 6	8 5	28 13	24	sets	♓	do
Tuesday	13 6	9 5	26 13	39	5 46	♈	♂♂♂
Wednesday	14 6	10 5	25 13	53	6 23	♉	do
Thursday	15 6	11 5	23 14	6	7 10	♊	do
Friday	16 6	12 5	22 14	19	8 14	♋	do
Saturday	17 6	13 5	20 14	32	9 0	♌	do
SUNDAY	18 6	14 5	18 14	43	10 2	♍	♂♂♂
Monday	19 6	15 5	17 14	53	11 13	♎	do
Tuesday	20 6	16 5	16 15	4	morn	♏	do
Wednesday	21 6	17 5	14 15	14	2	♐	7*s south 6h. 26m
Thursday	22 6	18 5	13 15	23	1 20	♑	do
Friday	23 6	19 5	11 15	32	2 15	♒	do
Saturday	24 6	20 5	10 15	49	3 10	♓	do
SUNDAY	25 6	21 5	8 15	47	4 19	♈	D. W. Patten m. 1838
Monday	26 6	22 5	7 15	54	rises	♉	do
Tuesday	27 6	23 5	6 16	0	7 8	♊	do
Wednesday	28 6	24 5	4 16	5	8 7	♋	do
Thursday	29 6	25 5	3 16	9	9 3	♌	do
Friday	30 6	26 5	1 16	13	9 50	♍	♂♂♂
Saturday	31 6	27 5	0 16	15	10 34	♎	Far West mobbed

L. I. SMITH

CARRIES the Mail and passengers to Fillmore twice a week; keeps a meat market and goods, 14th ward.

JOB SMITH

CARRIES on Basketmaking, in variety, on the west side of Main street, 14th Ward.

NOVEMBER has 30 days.

[1863.]

D. H. M. D. H. M.
 ☾ Last qr. 3 8 7 a.m. ☽ First qr. 17 7 39 p.m.
 ● New Moon 11 0 52 a.m. ○ Full Moon 25 1 35 a.m.

Day of Week.	D. M.	SUN rise.	SUN set.	Fast. m. s	MOON sets.	SIGN.	Events, &c.
	D. M.	h m	h m	m. s	h m		
SUNDAY	1 6	28 4	59	16 16	11 3	♈	J. Taylor b. 1808
Monday	2 6	29 4	58	16 18	11 54	♈	
Tuesday	3 6	30 4	57	16 18	morn	♈	
Wednesday	4 6	31 4	56	16 18	58	♈	
Thursday	5 6	33 4	54	16 16	1 53	♈	
Friday	6 6	35 4	53	16 14	2 53	♈	[Saints 1833
Saturday	7 6	37 4	51	16 10	3 51	♈	Mo. mobbed
SUNDAY	8 6	38 4	50	16 6	4 45	♈	♀♂♂
Monday	9 6	39 4	49	16 0	5 37	♈	E. Snow b. 1818.
Tuesday	10 6	40 4	48	15 56	6 30	♈	♂♂♂ ♀♂♂
Wednesday	11 6	42 4	47	15 49	sets	♈	
Thursday	12 6	43 4	46	15 41	5 53	♈	
Friday	13 6	45 4	45	5 34	6 48	♈	♂♂♂
Saturday	14 6	46 4	44	5 25	7 48	♈	
SUNDAY	15 6	47 4	43	5 15	8 58	♈	
Monday	16 6	48 4	42	5 4	9 20	♈	
Tuesday	17 6	50 4	41	14 53	10 24	♈	Sirius even'g star
Wednesday	18 6	51 4	40	14 40	morn	♈	
Thursday	19 6	53 4	39	14 27	28	♈	
Friday	20 6	54 4	38	14 13	1 33	♈	
Saturday	21 6	55 4	37	14 0	2 40	♈	♀♂♂ ♂♂♂
SUNDAY	22 6	56 4	36	13 44	3 50	♈	
Monday	23 6	57 4	35	13 26	4 47	♈	
Tuesday	24 6	58 4	34	13 9	5 54	♈	
Wednesday	25 6	59 4	33	12 52	rises	♈	
Thursday	26 7	0 4	33	12 33	5 21	♈	
Friday	27 7	1 4	32	12 14	6 8	♈	
Saturday	28 7	2 4	32	11 54	7 0	♈	
SUNDAY	29 7	3 4	32	11 33	7 57	♈	
Monday	30 7	4 4	32	11 12	8 52	♈	

S. J. LEES,

SACK and Wagon-cover maker, has added a Peg Machine to his business.

J. B. HAWKINS,

BLACKSMITH, west side East Temple-street, 14th Ward.

E. CUTHBERT,

FIRST South street, 13th Ward, works at blacksmithing.

1863.] DECEMBER has 31 days.

D. H. M. D. H. M.
 D Last qr. 3 4 47 a.m. C First qr. 17 4 17 a.m.
 ● New Moon 10 0 57 p.m. ○ Full Moon 24 7 24 p.m.

Day of Week.	P. M.	SUN rise h m	SUN set. h m	Fast. m. s.	MOON rises h. m.	sign.	Events, &c.
Tuesday	1 7	4 4	33 10	50	9 46	♈	♀ morning star
Wed'sday	2 7	5 4	33 10	27	10 47	♈	♂ do
Thursday	3 7	6 4	33 10	3	11 44	♈	do
Friday	4 7	7 4	33 9	40	morn	♈	do
Saturday	5 7	8 4	33 9	15	40	♈	do
SUNDAY	6 7	9 4	33 8	50	1 34	♈	♂
Monday	7 7	10 4	33 8	24	2 45	♈	♂
Tuesday	8 7	11 4	33 7	57	3 43	♈	♂
Wed'sday	9 7	12 4	33 7	31	4 10	♈	do
Thursday	10 7	13 4	33 7	3	sets	♈	do
Friday	11 7	14 4	33 6	36	5 37	♈	do
Saturday	12 7	15 4	33 6	8	6 46	♈	do
SUNDAY	13 7	16 4	33 5	39	8 1	♈	do
Monday	14 7	17 4	33 5	11	9 12	♈	do
Tuesday	15 7	18 4	34 4	42	10 23	♈	do
Wed'sday	16 7	19 4	34 4	13	11 30	♈	do
Thursday	17 7	20 4	34 3	43	morn	♈	do
Friday	18 7	20 4	35 3	14	26	♈	do
Saturday	19 7	21 4	35 2	44	1 38	♈	do
SUNDAY	20 7	21 4	36 2	14	2 43	♈	do
Monday	21 7	22 4	36 1	44	3 46	♈	do
Tuesday	22 7	22 4	37 1	14	4 45	♈	do
Wed'sday	23 7	23 4	37 44	5 46	♈	do	do
Thursday	24 7	23 4	38 15	rises	♈	do	do
Friday	25 7	23 4	38 5	47	♈	do	do
Saturday	26 7	23 4	39 44	6 47	♈	do	do
SUNDAY	27 7	23 4	39 1	14	7 38	♈	do
Monday	28 7	24 4	40 1	43	8 37	♈	do
Tuesday	29 7	24 4	40 2	13	9 34	♈	do
Wednesday	30 7	24 4	41 2	42	10 29	♈	do
Thursday	31 7	24 4	42 3	11	11 23	♈	do

[1805.
 Joseph Smith b.
 Christmas day.

A. MERRILL,
 HATTER, 17th Ward, follows hatting in common style.

B. FROST,
 BLACKSMITH, at the old stand, 8th Ward, works at blacksmithing as usual.

P. MARGETTS,
 BLACKSMITH, back of A. Daft's Store, 14th Ward, does work to order.

ECLIPSES IN 1863.

There will be four eclipses during the year, two of the sun and two of the moon.

I. Of the sun, May 17d. 9h. 22m. a.m. not visible in Utah, but in British and Russian America, if the sky permits, it may be seen for nearly four hours.

II. A total eclipse of the moon, June 1st, as follows:

Beginning, June 1, 2h. 29m. p.m.

Total begins, ,, 3h. 26m. ,,

Middle, ,, 4h. 0m. ,,

Total ends, ,, 4h. 33m. ,,

Eclipse ends, ,, 5h. 40m. ,,

Total, 1h. 7m. ,,

Whole duration, 3h. 11m. ,,

Not visible in Utah, but ostensibly an Atlantic Ocean or eastern eclipse.

III. An annular eclipse of the sun, Nov. 11, at 0h. 32m. in the morning, visible only in the South Sea.

IV. A partial eclipse of the moon, Nov. 24 and 25, as follows:

Beginning, Nov. 24, at 11h. 49m. p.m.

Middle, " 25, 1h. 29m. a.m.

Ends, " " 3h. 10m. "

Duration, 3h. 21m.

Visible in Utah.

. Look for a comet near the heavenly ram.

TAILORS.

CLIVE & ERSKINE,

TAILORS, west side of Main street, 14th ward, make clothes and warrant to fit; a sewing machine attached.

HATTERS.

J. SHELMERDINE

CARRIES on hatting, on the north side of 8th ward. Furs wanted.

J. C. TATTON,

NEAR the Court house, 14th ward, makes good hats for sale. Furs wanted.

L. LEONARD

CARRIES on Hatting on the east side of 7th Ward. Furs wanted.

SADDLE AND HARNESS.

YOUNG & PLATT,

MANUFACTURERS of Saddles and Harness, west side of Main street, 14th Ward.

J. W. JENKINS

MAKES Saddles, Harness, and boots and shoes, west side of Main street, 14th Ward.

WILLIAM HOWARD,

SADDLER & Harness Maker, shoemaker, tanner and distiller, west side East Temple-street.

SEEDS.

WM. WAGSTAFF,

GARDENER and Seedsman, State Road, 3d Ward.

PHOTOGRAPHERS.

E. R. SAVAGE,

PHOTOGRAPHIC Gallery, east side Main street, 13th Ward, is in full operation.

PERRIS & HOPKINS,

PHOTOGRAPHERS, east side Main street, 13th Ward, take portraits in the fine art line.

CABINETS AND CHAIRS.

H. DINWOODEY,

CABINET and Chairmaker, west side of Main street, 14th ward.

C. TRAVELLER

WANTS all kinds of suitable Lumber in exchange for Furniture, west side Main street, 14th Ward.

TINNERS.

E. STEVENSON,

TINNER and Sheet Iron worker, next door north of H. E. Phelps.

T. HAWKINS,

TINNER, west side of Main street, 14th Ward, will serve the public with Tin and Sheet Iron ware.

A. BEST,

TINNER, etc., west side Main street, 14th Ward.

COOPERS.

E. & B. LAMB,

COOPERS for Dixie, Virgin City, are ready for business.

POTTERS.

CROXALL, CARTWRIGHT & CO.,

MAKE all kinds of earthenware under Moore & Greene's old store, a few doors east of Main street, 13th Ward. Fiddle strings for sale.

EARDLEY BROTHERS

CARRY on business successfully at the Deseret Pottery, north side of 7th Ward.

NIELS JENSEN & CO.

HAVE erected a New Pottery, on the northwest corner of the block, 2d Ward, to accommodate all.

FIREWORKS.

FINDLAY & MARTIN'S

FIRST PRIZE MATCHES, wholesale and retail, at the sign of the Bee Hive, east side of Main street, 13th Ward; also Blacking.

CUTLERY.

JAMES WELLS

CARRIES on business at his old stand, 13th Ward.

PAINTERS.

W. PITT,

SIGN and House painter, on North Temple street, 17th ward.

E. MARTIN,

SIGN and House painter, west side of Main street, 14th Ward.

SQUIRES & DAY,

BARBERS and Greengrocers, east side of East Temple street, are on hand for everything in their line.

MERCHANTS.

WALKER BROTHERS,

AT the new "Red Brick," offer a general assortment of goods, east side of East Temple st., 13th ward.

J. B. KIMBALL & CO.,

KEEP Dry Goods and Groceries, corner of East Temple and First South streets, 14th ward.

WM. JENNINGS,

MERCHANT, Butcher, Tanner and Currier, and Boot and Shoe maker, corner of East Temple and First South streets, 14th ward.

NIXON'S STORE.

THE Administrators of Wm. Nixon continue to trade in goods at the old stand, east side East Temple street, 13th Ward.

H. E. PHELPS

BARTERS, buys, exchanges, sells and trades in goods merchandize, wares, peltries, grain and other commodities. Fair bargains.

THE BENNE PLANT.

THIS highly valuable plant (of which the leaf is the part used) is especially beneficial in all cases of cholera infantum, diarrhoea, dysentery and all affections of a similar nature. It has also been proved to be a great remedy for sore eyes; but for all cases of dysentery, either in children or adults, its influence and healing properties appear almost miraculous. Seed and leaves can be had at my residence, south of the Public Square, in the 16th Ward, G. S. L. City.

WILLIAM DERR.

COUGH REMEDY.

Put half a pint of good vinegar in a tumbler, in which place a new laid egg and cover the tumbler closely. In about twenty-four hours the egg will be dissolved; sweeten with sugar, and the fluid will be ready for use. Take a table-spoonful about five times a-day.

WHAT MAKES A BUSHEL.

The following table of the number of pounds of various articles to a bushel may be of some interest to our readers:

Wheat, sixty pounds.
Corn, shelled, fifty-six pounds.
Corn, on the cob, seventy pounds.
Oats, thirty-six pounds.
Rye, fifty-six pounds.
Barley, forty-six pounds.
Buckwheat, fifty-two pounds.
Irish Potatoes, sixty pounds.
Onions, fifty-seven pounds.
Beans, sixty pounds.
Bran, twenty pounds.
Clover Seed, sixty pounds.
Timothy Seed, forty-five pounds.
Flax Seed, forty-five pounds.
Hemp Seed, forty-five pounds.
Blue Grass Seed, fourteen pounds.
Dried Peaches, thirty-two pounds.
Stone Coal, (about) one hundred pounds.
Peas, fifty-eight pounds.
Red Top Seed, fourteen pounds.
Salt, fifty-six pounds.

WHAT MAKES A GALLON.

Molasses, eleven pounds.
Oil, olive, nine pounds.
Alcohol, pure, ten pounds.
Nitric acid, pure, twelve pounds.
Vitriol, eighteen and a half pounds.
Turpentine oil, eight and three-fourth pounds.

SUGAR.

Sugar is made from the juice of plants and trees, i.e., from sugar cane, beet roots, carrots, maple trees, etc. It crystallizes, is sweet, soluble in water and alcohol, and is nourishing to the human system. Nitric acid turns it to oxalic acid.

One hundred parts of sugar contain:

28 parts of carbon;
64 parts of oxygen;
8 parts of hydrogen.

HONEY.

Honey is composed of sugar, mucilage and water, and, being ready-made, like manna in heaven, falls upon flowers and leaves, and is gathered by bees. Aside from worldly philosophy, sugar or honey is one of the elements of a wise God, and better medicine than calomel.

INDIA RUBBER.

The common India rubber, or gum-elastic, sometimes called *cacutchouc*, is prepared mostly from the juice of the real "*Siphonica elastica*," by tapping the trees, as we do pine for resin. The juice is white like milk, and after it is taken from the trees stiffens itself into an elastic gum or resin. It always remains soft. It would be well to obtain some of the seed of the real trees for Utah.

PRESERVATION OF CROPS BY ELDER.

If branches of elder be brushed occasionally over plants, such as cabbages, cauliflowers, turnips, or any other productions of the garden, the operation is found to have a remarkable effect in preserving the plants from the attacks of insects, and also preserving fruit-trees from being blighted.

FLUID FOR PRESERVING SEEDS FROM THE DEPREDATIONS OF VERMIN.

H. Brown, of Derby, observes to the Society for the Encouragement of Arts, etc., that when he steeped seeds for three or four hours, or for a sufficient length of time to penetrate the husk, in a strong solution of liver of sulphur, he never lost a seed by vermin during a three years' trial.

METHOD OF MAKING SEALING WAX.

Take any quantity of shell-lac in powder; add to it half its weight in rosin, and half its weight of vermilion. Melt these ingredien's over a gentle fire, and when they are thoroughly incorporated, work the composition into sticks, rolls, or any other form desired.

This composition makes a fine, hard, red sealing wax: any other color may be obtained by using a pigment of the color desired, instead of vermilion.

Red lead is used instead of vermilion for common red wax, and the quality of the composition is further debased by reversing the proportions of rosin and shell-lac.

The whitest rosin should be used for all bright colors. The wax will be more tenacious, if turpentine, boiled with a little water till it is hard, is used instead of rosin. The lowest heat at which the ingredients can be melted should also not be exceeded.

The sealing wax may be softened by adding white wax to it; it is formed into sticks by rolling it upon a stone while it is yet soft; and is polished merely by melting its surface over a fire, and letting it cool without being touched.

CEMENT OR GLUE TO RESIST WATER.

A solution of shell-lac in alcohol, added to a solution of isinglass in proof spirit, forms a cement that resists water, and may be used as a glue.

METHOD OF PREPARING A CHEAP SUBSTITUTE FOR OIL PAINT.

It often happens that people do not choose, or cannot employ oil painting in the country, either because it does not dry soon enough, and has a disagreeable smell, or because it is too costly.

Ludicke employed, with the greatest success, the following composition for painting ceilings, gates, doors, and even furniture:

Take fresh curds, and bruise the lumps on a grinding-stone, or in an earthen pan or mortar, with a spatula. After this operation, put them in a pot with an equal quantity of lime, well quenched, and become thick enough to be kneaded: stir this mixture well without adding water, and a whitish semifluid mass will be obtained, which may be applied with great facility like paint, and which dries very speedily. It must be employed the day it is prepared, as it will become too thick the day following. Ochre, Armenian bole, and all colors which hold with lime, may be mixed with it, according to the color desired; but care must be taken that the addition of color made to the first mixture of curds and lime, contain very little water, or it will diminish the durability of the painting.

When two coats of this paint have been laid on, it may be polished with a piece of woollen cloth, or other proper substance, and it will become as bright as varnish. This kind of painting, besides its cheapness, possesses the advantage of admitting two coats to be laid on and polished in one day, as it dries speedily and has no smell.

AMBER VARNISH.

Oil varnishes, which have become thick by keeping, are made thinner with spirits of turpentine.

STAINING WOOD.

Stains do not lie, like paints, upon the surface of wood, but sink more or less into its substance. Hence the wood which has been stained exhibits its natural grain and hardness; and, it must be remembered, that if the wood be not white, the color taken will be a compound of that of the wood and the stain. The dyeing woods employed must be understood to be in small chips, or raspings.

When the wood is intended to be brushed several times over with any fluid, it should be dried previous to each repetition of the operation. The woods which have been stained are afterwards rubbed up with rushes, then with a cloth, dipped in a solution of bees' wax in spirits of turpentine, and afterwards rubbed with a woollen cloth alone. When the stain is intended to be very deep, the pieces should be boiled in the staining liquor, and not merely brushed over.

TO STAIN WOOD RED.

Take two ounces of Brazil wood, and two ounces of potash; mix them with a quart of water, and let the composition stand in a warm place for several days, stirring it occasionally. With this liquor, made boiling hot, brush over the wood till the desired depth of color is obtained. Then, with another brush, brush over the wood, while yet wet, with a solution of alum, in the proportion of two ounces of alum to a quart of water.

For a pink or rose red, use double the quantity of potashes.

TO STAIN WOOD GREEN.

Dissolve verdigris in vinegar, or crystals of verdigris in water, and brush over the wood with the hot solution.

TO STAIN WOOD YELLOW.

Infuse an ounce of turmeric in a pint of spirits of wine, and let the mixture stand for several days closely covered, shaking it occasionally. Brush over the wood with this infusion. A reddish yellow may be given to the color by the addition of a little gum-tragacanth.

Diluted nitric acid will stain wood yellow.

TO STAIN WOOD BLUE.

Dissolve copper in diluted nitric acid, and brush it while hot several times over the wood; then make a solution of pearl-ashes, in the proportion of two ounces to a pint of water, and brush over the stain made with the solution of copper, till the color be perfectly blue.

The green stain, made as above with verdigris, may be changed to a blue by the solution of pearl-ashes.

The sulphate of indigo, which may be had ready prepared of the dyers, will, when diluted with water, make a blue stain.

TO STAIN WOOD BLACK.

Brush the wood several times with a hot decoction of logwood, then several times with common ink.

To make a very fine black, brush over the wood with a solution of copper in nitric acid as for blue, and afterwards with logwood, till all the greenness of the copper solution is gone.

TO STAIN WOOD A MAHOGANY COLOR.

Two ounces of madder and one ounce of fustic, boiled in a quart of water, make a light mahogany stain: but a dark stain may be obtained by using half an ounce of logwood instead of the madder, and brushing the stained wood over with a weak solution of potash.

TO STAIN WOOD PURPLE.

Take one ounce of logwood and two drachms of Brazil wood: boil them together in a quart of water over a moderate fire. When one-half of the fluid is evaporated, strain the decoction, and brush it several times over the wood. After the wood is dry, brush it over with a solution of a drachm of pearl-ashes in a pint of water.

A FIRE-PROOF AND WATER-PROOF CEMENT.

To half a pint of milk put an equal quantity of vinegar in order to curdle it; then separate the curd from the whey, and mix the whey with the whites of four or five eggs, beating the whole well together. When it is well mixed, add a little quick lime through a sieve until it has acquired the consistence of a thick paste.

With this cement, broken vessels and cracks of all kinds may be mended; it dries quickly, and resists the action of water and of fire applied to vessels containing water.

POTATO SIZE.

Size is a much-diluted cement, and is either prepared from common glue or isinglass, or by boiling the shreds of parchment or white leather, or consists of flour paste made very thin; but these compositions, particularly those of an animal nature, quickly putrefy, and produce a disagreeable smell, from which potato size is free. The potatoes must be grated into water, and after changing the water once or twice, there will be found at the bottom of the vessel a white fecula or starch. This starch is made into size by boiling it with a sufficient quantity of water. Mingled with whitewash, an excellent and durable white is formed, which will not rub off.

JOSEPH SMITH'S LAST DREAM.

In June, 1844, when Joseph Smith went to Carthage and delivered himself up to Gov. Ford, I accompanied him, and while on the way thither, he related to me and his brother Hyrum the following dream:

He said: "While I was at Jordan's in Iowa the other night, I dreamed that myself and my brother Hyrum went on board of a large steamboat, lying in a small bay, near the great ocean. Shortly after we went on board there was an 'alarm of fire,' and I discovered that the boat had been anchored some distance from the shore, out in the bay, and that an escape from the fire, in the confusion, appeared hazardous; but, as delay was folly, I and Hyrum jumped overboard, and tried our faith at walking upon the water.

At first we sank in the water nearly to our knees, but as we proceeded we increased in faith, and were soon able to walk upon the water. On looking towards the burning boat in the east, we saw that it was drifting towards the wharf and the town, with a great flame and clouds of smoke; and, as if by whirlwind, the town was taking fire, too, so that the scene of destruction and horror of the frightened inhabitants was terrible.

We proceeded on the bosom of the mighty deep and were soon out of sight of land. The ocean was still; the rays of the sun were bright, and we forgot all the troubles of our Mother Earth. Just at that moment I heard the sound of a human voice, and, turning round, saw my brother Samuel H. approaching towards us from the east. We stopped and he came up. After a moment's conversation he informed me that he had been lonesome back, and had made up his mind to go with me across the mighty deep.

We all started again, and in a short time were blest

with the first sight of a city, whose gold and silver steeples and towers were more beautiful than any I had ever seen or heard of on earth. It stood, as it were, upon the western shore of the mighty deep we were waiking on, and its order and glory seemed far beyond the wisdom of man. While we were gazing upon the perfection of the city, a small boat launched off from the port, and, almost as quick as thought, came to us. In an instant they took us on board and saluted us with a welcome, and with music such as is not on earth. The next scene, on landing, was more than I can describe: the greeting of old friends, the music from a thousand towers, and the light of God himself at the return of three of his sons, soothed my soul into a quiet and a joy that I felt as if I was truly in heaven. I gazed upon the splendor; I greeted my friends, I awoke, and lo, it was a dream!

While I meditated upon such a marvelous scene, I fell asleep again, and behold I stood near the shore of the burning boat, and there was a great consternation among the officers, crew and passengers of the flaming craft, as there seemed to be much ammunition or powder on board. The alarm was given that the fire was near the magazine, and in a moment, suddenly, it blew up with a great noise, and sank in deep water with all on board. I then turned to the country east, among the bushy openings, and saw William and Wilson Law endeavoring to escape from the wild beasts of the forest, but two lions rushed out of a thicket and devoured them. I awoke again."

I will say that Joseph never told this dream again, as he was martyred about two days after. I relate from recollection as nearly as I can.

PHELPS.

A REVELATION TO JOSEPH SMITH, JUN., GIVEN JUNE, 1830.

The words of God which he spake unto Moses at a time when Moses was caught up into an exceeding high mountain; and he saw God face to face, and he talked with him, and the glory of God was upon Moses; therefore Moses could endure his presence. And God spake unto Moses, saying: Behold I am the Lord God Almighty, and endless is my name, for I am without beginning of days or end of years, and is not this endless? And behold thou art my son, wherefore, look and I will show thee the workmanship of mine hands, but not all: for my works are without end, and also my words, for they never cease: wherefore no man can behold all my works except he behold all my glory; and no man can behold all my glory and afterwards remain in the flesh. And I have a work for thee, Moses, my son; and thou art in the similitude of mine only begotten; and mine only begotten is and shall be the Savior, for he is full of grace and truth; but there is no God beside me; and all things are present with me, for I know them all. And now behold this one thing I show unto thee, Moses, my son, for thou art in the world, and now I show it unto thee.

And it came to pass that Moses looked and beheld the world upon which he was created, and Moses beheld the world and the ends thereof, and all the children of men which was and which are created; of the same he greatly marvelled, and wondered, and the presence of God withdrew from Moses, that his glory was not upon Moses; and Moses was left unto himself. And as he was left unto himself he fell unto the earth, and it came to pass that it was for the space of many hours before Moses did again receive his natural strength like unto man; and he saith unto himself: Now, for this cause I know that man is nothing, which thing I never had supposed, but

now mine eyes, mine own eyes, but not mine eyes, for mine eyes could not have beheld; for I should have withered and died in his presence; but his glory was upon me; and I beheld his face, for I was transfigured before him.

And it came to pass that when Moses had said these words, behold Satan came tempting him, saying: Moses, son of man, worship me. And it came to pass, that Moses looked upon Satan, and said who art thou?—for behold I am a son of God, in the similitude of his only begotten; and where is thy glory, that I should worship thee? For behold I could not look upon God except his glory should come upon me, and I were strengthened before him, but I can look upon thee in the natural man. Is it not so surely? Blessed is the name of my God, for his spirit hath not altogether withdrawn from me, or else, where is thy glory, for it is darkness unto me; and I am judge between thee and God; for God said unto me, worship God, for him only shalt thou serve. Get thou hence, Satan; deceive me not, for God said unto me, thou art after the similitude of mine only begotten.

And he also gave me commandments, when he called unto me out of the “burning bush,” saying: Call upon God in the name of mine only begotten, and worship me. And again Moses said, I will not cease to call upon God. I have these things to inquire of him, for his glory has been upon me; wherefore I can judge between him and thee. Depart hence, Satan.

And now when Moses had said these words, Satan cried with a loud voice, and went upon the earth, and commanded, saying: I am the only begotten, worship me. And it came to pass that Moses began to fear exceedingly; and as he began to fear he saw the bitterness of hell: nevertheless, calling upon God, he received strength, and he commanded, saying: Depart from me, Satan, for this one God only will I worship, which is the

God of glory. And now Satan began to tremble, and the earth shook; and Moses received strength, and called upon God, saying: In the name of Jesus Christ, depart hence Satan.

And it came to pass, that Satan cried with a loud voice, with weeping and gnashing of teeth, and departed hence; even from the presence of Moses, that he beheld him not.

And now of this thing Moses bore record, but because of wickedness it is not had among the children of men. And it came to pass that when Satan had departed from the presence of Moses, he lifted up his eyes unto heaven, being filled with the Holy Ghost, which beareth record of the Father and the Son; and calling on the name of God he beheld his glory again, for it was upon him, and he heard a voice, saying: Blessed art thou, Moses, for I the Almighty have chosen thee, and thou shalt be made stronger than many waters; for they shall obey thy command as if thou wert God. And lo, I am with thee, even unto the end of thy days, for thou shalt deliver my people from bondage, even Israel my chosen.

And it came to pass as Moses' voice was still speaking, he cast his eyes, and beheld the earth, yea, even all the face of it, there was not a particle of it which he did not behold, describing it by the Spirit of God. And he beheld also the inhabitants thereof, and there was not a soul which he beheld not, and he discerned them by the Spirit of God. And their numbers were great, even numberless as the sand upon the sea shore. And he beheld many lands; and each land was called earth, and there were inhabitants on the face thereof. And it came to pass that Moses called upon God, saying: Tell me, I pray thee, why these things are so, and by what thou madest them? And behold the glory of God was upon Moses, so that Moses stood in the presence of God, and he talked with Moses face to face; and the Lord God

said unto Moses, for mine own purpose have I made these things. Here is wisdom, and it remaineth in me. And by the word of my power have I created them, which is mine only begotten Son, who is full of grace and truth. And worlds without number have I created; and I also created them for mine own purpose; and by the Son I created them, which is mine only begotten. And the first man, of all men, have I called Adam, which is many. But only an account of this earth, and the inhabitants thereof, give I unto you; for behold there are many worlds which have passed away by the words of my power. And there are many which now stand, and innumerable are they unto man, but all things are numbered unto me, for they are mine, and I know them.

And it came to pass that Moses spake unto the Lord, saying, Be merciful unto thy servant, O God, and tell me concerning this earth, and the inhabitants thereof, and also the heavens, and then thy servant will be content.

And the Lord God spake unto Moses, saying, The heavens they are many, and they cannot be numbered unto man, but they are numbered unto me, for they are mine, and as one earth shall pass away, and the heavens thereof, even so shall another come; and there is no end to my works, neither to my words.

Behold this is my work to my glory, to the immortality and eternal life of man. And now Moses, my son, I will speak unto you concerning this earth upon which thou standest; and thou shalt write these things which I shall speak, and in a day when the children of men shall esteem my words as nought, and take many of them from the book which thou shalt write, behold I will raise up another like unto thee, and they shall be had again among the children of men; among as many as shall believe those words were spoken unto Moses in the Mount, the name of which shall not be known among the children of men. And now they are spoken unto you. Amen.